PTO/SB/52 (08-99)

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REISSUE APP	LICATION DECLAR	ENT & 184000 ATION BY THE ASSIGNEE	Docket Number (optional) P54428RE
I am authorized to act of and the title of my posit		ip are stated below next to my name. Signee: SAMSUNG ELECTRONI Senior Manager sted in said assignee.	'CS CO., LTD.
Name of Patentee(s):	SEUNG-CHE	EOL HONG, KI-YOUNG JANG	
Patent Number:	5,944,830	Date of Patent Issued:	31 August 1999
	CING POWER CONSUMP: R-OFF MODE	TION IN MONITOR BY SWITCHING OF	F HEATER POWER IN
and claimed in said p	atent, for which a reissue ONITOR BY SWITCHING O	first and sole/joint inventor(s) of the subject patent is sought on the invention en OFF HEATER POWER IN POWER-OFF	titled <u>REDUCING POWER</u> F <u>MODE</u> .
claims, as amended by a to patentability and to th §1.56. I hereby claim application(s) for patent one country other than the	ny amendment referred to a ne examination of this applia foreign priority benefits or inventor's certificate, or the United States, or §119(e) ny foreign applications for	erstand the contents of the above-identified bove. I acknowledge the duty to disclose ideation in accordance with Title 37 of the under Title 35, U.S. Code §119(a)-(d) §365(a) of any PCT International application of any United States provisional application patent or inventor's certificate having a	information which is material Code of Federal Regulations or §365(b) of any foreign tion which designated at least tion(s), listed below and have filing date before that of the
6135/1996	Republic of Korea	8 March 1996	Priority Claimed: Yes [X] No []
(Application Number)	(Country)	(Day/Month/Year filed)	ies[X] Not]
4299/1996 (Application Number)	Republic of Korea (Country)	8 March 1996 (Day/Month/Year filed)	Yes [X] No []
the specification of which	ch		
☐ is attached hereto. ☐ was filed on 31 A	ugust 2001 as reissue ap	oplication number <u>09/942,961</u>	
and was amended o	on	(If applicable)	
by any amendment refer I acknowledge	rred to above. the duty to disclose informa	s of the above identified specification, inc ation which is material to patentability as holly or partly inoperative or invalid, for	defined in 37 CFR 1.56.
<u> </u>	_	wings. ess than he had the right to claim in the pa	atent.

PTO/SB/52 (08-99)

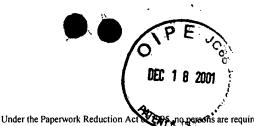
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At least one error upon which reissue is based is described as follows:

I believe the original of aforesaid patent to be wholly or partly inoperative by reason of my claiming more or less than I had a right to claim in the original patent, due to errors in each of claims 1 through 10, and more specifically, by failing to more broadly claim my inventions as disclosed and described in the original patent. Specifically, although the specification broadly describes power management control for monitors, independent claim 1 describes my invention too narrowly by claiming "a power supply unit for converting an AC input voltage to a DC output voltage", although my invention may be practiced "to reduce the power consumption of a color display tube", as described in column 2 at lines 57 and 58. Accordingly, it is my intent and desire to obtain broader coverage of my inventions as defined by newly presented claims 11 through 60 in this reissue application, and it is my intent and desire to obtain clarified coverage of my inventions as set forth in the amended claims 7 through 10 in this reissue application.



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(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE page 3)

Docket Number (optional)

P54428RE

All errors corrected by this reissue application arose without any deceptive intent on the part of the Applicant. I offer to surrender the original grant of the patent, but that patent is lost or has become unavailable.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Robert E. Bushnell

27,774

Correspondence Address: Direct all communications about the application to:

Customer Number

008-439 →

Place Customer Number Bar Code Label Here

Type Customer Number Here

OR

Firm or Individual Name ROBERT E. BUSHN			SHNELL and L	aw Firm		
Address	1522 K Street, N.V	V., Suite 300,				
City	Washington		State	D.C.	Zip	20005-1202
Country	U.S.A.					
Telephone	(202) 408-9040			Facsimile	(202) 289-7	100

The undersigned officer of the Assignee, is duly authorized to make this Declaration, and has examined the documents of title, and determined that Samsung Electronics Co., Ltd., the assignee of U.S. Patent No. 5,944,830 by virtue of an Assignment from all inventors recorded in the U.S. Patent & Trademark Office at Reel No. ----, at Frame No. ---- on the --- day of September 2001 (Assignment filed on 9 July 2001 is currently being recorded), consents to the filing of this reissue application for the reissue of U.S. Patent No. 5,944,830.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed

Full name of person s	igning (given name, family name) D	ONG-HO LEE	
Signature		Date	
Address of Assign	nee: 416 Maetan-dong, Paldal-gu, Suw	on-city, Kyungki-do, Republic of KOREA	
Patentee:	SEUNG-CHEOL HONG	Citizenship: Republic of KOREA	
Residence/Post O	ffice Address: 319-6, In Gyui-dong, Paldal-gu	, Suwon-city, Kyungki-do, Republic of Korea	
Patentee:	KI-YOUNG JANG	Citizenship: Republic of KOREA	
Residence/Post O	office Address:		

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)
P54428RE

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5.944.830, granted on 31 August 1999, and for which a reissue patent is sought on the invention entitled <u>REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE</u>.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations § 1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, or § 119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

	11	i e		Priority	Claimed:
6135/1996	Republic of k	Солеа	8 March 1996	Yes [X]	No []
(Application Num			(Day/Month/Yeur filed)		
4299/1996	Republic of k	Korea	8 March 1996	Yes [X]	No[]
(Application Num	ber) (Country	?	(Day/Month/Year filed)		
the specification	of which				
is attached h	nereto.	 -			:
was filed on	11 August 2001	as reissue ap	plication number <u>09/942,961</u>	_	
and was am	ended on		. (If applicable)		
as amended by a lacknowledge t	iny amendment referre he duty to disclose info he original patent to be	d to above, rmation whi	ts of the above identified specification is material to patentability as country in a country in the country in the country invalid, for the count	lefined in 37 CF	R 1.56,
by reason o	of a defective specification of the patentes claiming of other errors.	tion or draw g more or les	vings. as than he had the right to claim it	the patent.	
<u> </u>		-			

[Page 1 of 3]

Nurteen Hour Statement: This form is estimated to take 0.5 hours to exempte. Time will vary depending on the meds of the individual case. Any comments on the amount of time you are required to complete his form should be sent to the Chief Information Mices, Petent and Trademuk Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents. Washington, DC 20231.

PTO/SB/SI (12/97)

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At least one error upon which reissue is based is described as follows:

I believe the original of aforesaid patent to be wholly or partly inoperative by reason of my claiming more or less than I had a right to claim in the original patent, due to errors in each of claims I through 10, and more specifically, by failing to more broadly claim my inventions as disclosed and described in the original patent. Specifically, although the specification broadly describes power management control for monitors, independent claim I describes my invention too narrowly by claiming "a power supply unit for converting an AC input voltage to a DC output voltage", although my invention may be practiced "to reduce the power consumption of a color display tube", as described in column 2 at lines 57 and 58. Accordingly, it is my intent and desire to obtain broader coverage of my inventions as defined by newly presented claims 11 through 60 in this reissue application, and it is my intent and desire to obtain clarified coverage of my inventions as set forth in the amended claims 7 through 10 in this reissue application.

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Docket Number (Optional) (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 3) PS4428RE All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Registration Number: 27,774 Name(s): Robert E. Bushnell Correspondence Address: Direct all communication about the application to: Place Customer Number, Bor Code Label Here 008-439 ☐ Customer Number Type Customer Number Here ROBERT E. BUSHNELL and Law Firm Firm or individual Name 1522 K Street, N.W., Suite 300, Address ZIP 20005-1202 D.C. State Washington City U.S.A. Country (202) 289-7100Fax (202) 408-9040 Telephone I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full name of sole or first inventor (given name, fumily name) SEUNG-CHEOL HONG inventor's signature Seure-Ches Hong Residence: Paldel-gu, Suwon-city, Kyungki-do, Republic of Korea Citizenship: Post Office Address: 319-6, In Gyui-dong, Paldul-gu, Suwon-city, Republic of Korea Kyungki-do, Republic of Korea Pull name of second inventor (given name, family name) KI-YOUNG JANG Inventor's algusture Date 2001. 12.17 Jangen-gu, Suwon, Kyungki-do, Republic of Korea Citizenship Post Office Address: 245-40, Yunsu-dong, Jangan-gu, Suwan, Kyungki-Republic of Korea do, Republic of Korea

Additional joint inventors are named on separately numbered sheets attached hereto.

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional) P54428RE

As a below named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,944,830, granted on 31 August 1999, and for which a reissue patent is sought on the invention entitled <u>REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE</u>.

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			Priority Claimed:			
6135/1996	Republic of Korea	8 March 1996	Yes[X] No[]			
(Application Number)	(Country)	(Day/Month/Year filed)				
4299/1996	Republic of Korea	8 March 1996	Yes [X] No []			
(Application Number)	(Country)	(Day/Month/Year filed)				
the specification of wh	ich					
is attached hereto.						
was filed on 31 August 2001 as reissue application number 09/942,961						
and was amended	on	(If applicable)				
I have reviewed and understand the contents of the above identified specification, including the claims,						
	endment referred to above.					
		ich is material to patentability as o				
I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)						
☐ by reason of a defective specification or drawings.						
by reason of the patentee claiming more or less than he had the right to claim in the patent.						
by reason of other	er errors.					

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Docket Number (Optional)

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 3) P54428RE All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Registration Number: 27,774 Name(s): Robert E. Bushnell Correspondence Address: Direct all communication about the application to: 008-439 ☐ Customer Number Place Customer Number, Bar Code Label Here Type Customer Number Here OR ROBERT E. BUSHNELL and Law Firm Firm or individual Name 1522 K Street, N.W., Suite 300, Address ZIP 20005-1202 Washington State D.C. City U.S.A. Country (202) 289-7100 (202) 408-9040 Fax Telephone I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full name of sole or first inventor (given name, family name) **SEUNG-CHEOL HONG** Inventor's signature

Date Residence: Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea Post Office Address: 319-6, In Gyui-dong, Paldal-gu, Suwon-city, Citizenship: Republic of Korea Kyungki-do, Republic of Korea Full name of second inventor (given name, family name) **KI-YOUNG JANG** Inventor's signature Date Residence Jangan-gu, Suwon, Kyungki-do, Republic of Korea Post Office Address: 245-40, Yunsu-dong, Jangan-gu, Suwon, Kyungki-Citizenship Republic of Korea do, Republic of Korea Additional joint inventors are named on separately numbered sheets attached hereto.

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patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Al mired to respond to a collection of information unless it displays a valid OMB control manit REISSUE APPLICATION DECLARATION BY THE ASSIGNEE Docket Number (optional) P54428RE I hereby declare that: My residence and post office address and citizenship are stated below next to my name. I am authorized to act on behalf of the following assignee: SAMSUNG ELECTRONICS CO. LTD. and the title of my position with said assignee is: Senior Manager The entire title to the patent identified below is vested in said assignee. Name of Palentee(s): SEUNG-CHEOL HONG, KI-YOUNG JANG Patent Number; 5.944.B30 Date of Patent Issued: 31 August 1999 REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN Title of invention: POWER-OFF MODE I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled REDUCING POWER CONSUMPTION IN MONITOR BY SWITCHING OFF HEATER POWER IN POWER-OFF MODE. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability and to the examination of this application in accordance with Title 37 of the Code of Federal Regulations \$1.56. I hereby claim foreign priority benefits under Title 35, U.S. Code \$119(a)-(d) or \$365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, or § 119(e) of any United States provisional application(s), listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Priority Claimed: 6135/1996 Republic of Korea 8 March 1996 Yes [X] No [(Application Number) (Country) (Day/Month/Year filed) 4299/1996 Republic of Korea 8 March 1996 Yes [X] No [(Application Number) (Country) (Day/Month/Year filed) the specification of which is attached hereto. was filed on 31 August 2001 as reissue application number 09/942,961 and was amended on _ . (If applicable) I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all hoxed that apply.)

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hy reason of the patentee claiming more or less than he had the right to claim in the patent.

U by reason of a defective specification or drawings.

why reason of other errors.

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[Page 2 of 3]

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(REISSUE APPLICATION DECLARATION BY THE ASSIGNED, page 31

necety appears the following attorney(s): null trademark Office connected therewill Name(s) Robert F. Bushnell			and/or agent(s) to prosecute this application and transact all business in the Pategoth. Registration Number 27,774				
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l ma or Individu	al Name		RODUCTE, BUS	SINELL and Le	w l'irm	•	
Address	1522 K Street, N.	W., Suite 300,					
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hivennets record (Assignment file Patent Mo. 5,94) Thereb Behelf are believ so made are pun	fed in the U.S. Patent ed on 9 July 2001 is et 1,830 y declare that all staten ed to be true; and furth	Tridemark Of arrently being reconents upde herein o pents upde herein o per that these states prisonaient, or both	ffice at Rect No rded), consents to t affiny own knowled ments were made wi 1, under 18 U.S.C. 1	at Finns No he filing of this i ge are true and th ith the knowledge 1001, and that suc	elastic upplication at all statements not that willful false b willful lalse statements	an Assignment from all day of September 400 in for the reissue of 1.2.8 made on information and estatements and the liki-alements may jeopardization of the september of the sep	
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Signature		Dan	Dangho Lee		December 19, 2001		
Address of As	signee 416 Maeta	n-dong Paldal-g	of Suwan city, Ky	vungki-do. Rep			
Patentee:	SEUNG-CI	teor ribre		Citizenship: Republic of KOREA			
Residence:Par	a Office Address 31	19-6. In Ciyai-dony. I	'aldal-yu. Suwon-vity	r, Kyungki-du, Rej	jublic of Karea		
Patentee: KI-YOUNG JANG Citizenship Republic of KOREA			IRA ····				
Residence/Pos	st Office Address.						